

ABSTRACT

A communication network and method is presented that performs line level restoration when an indication of a trunk failure is received. When a trunk failure occurs, the optical cross connect switch detecting the failure signals upstream to a peer 5 optical cross connect switch of the failure occurrence. The optical cross connect switch having the higher router ID performs an alternative trunk query and if an alternative trunk is located, the two nodes located at each end of the failed trunk migrate the eligible label switched paths onto the new trunk.